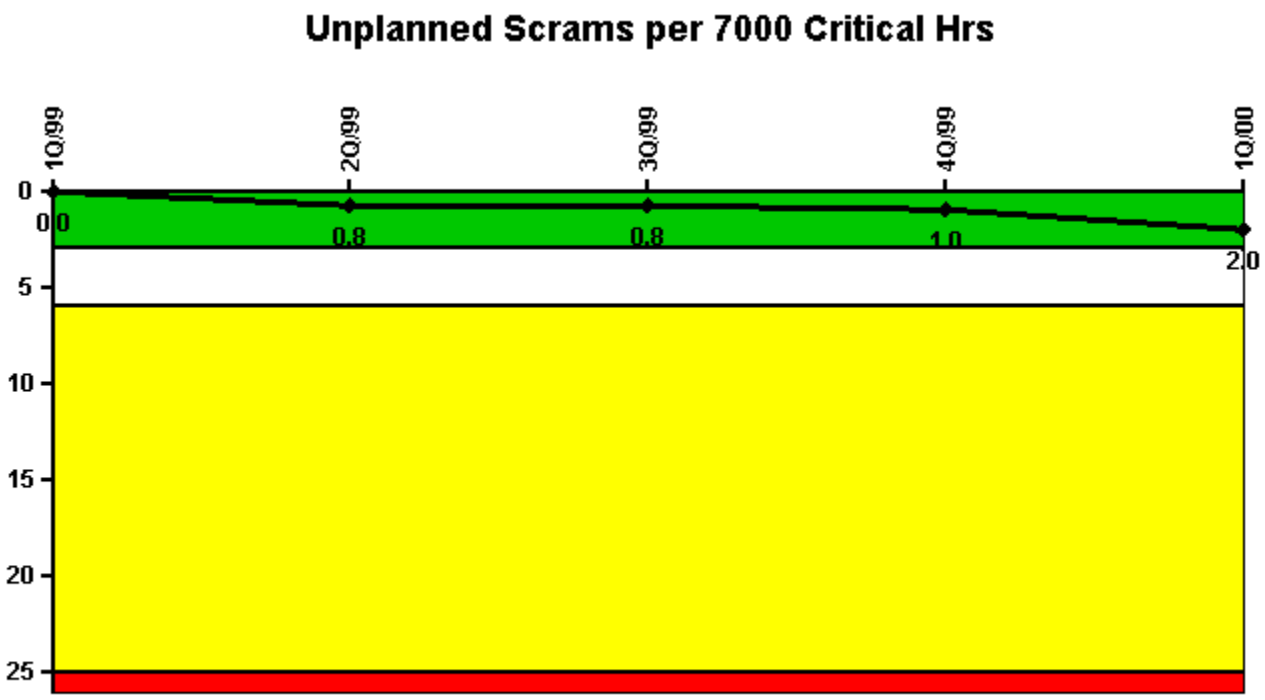
Point Beach 1

1Q/2000 Performance Indicators

Licensee's General Comments: none



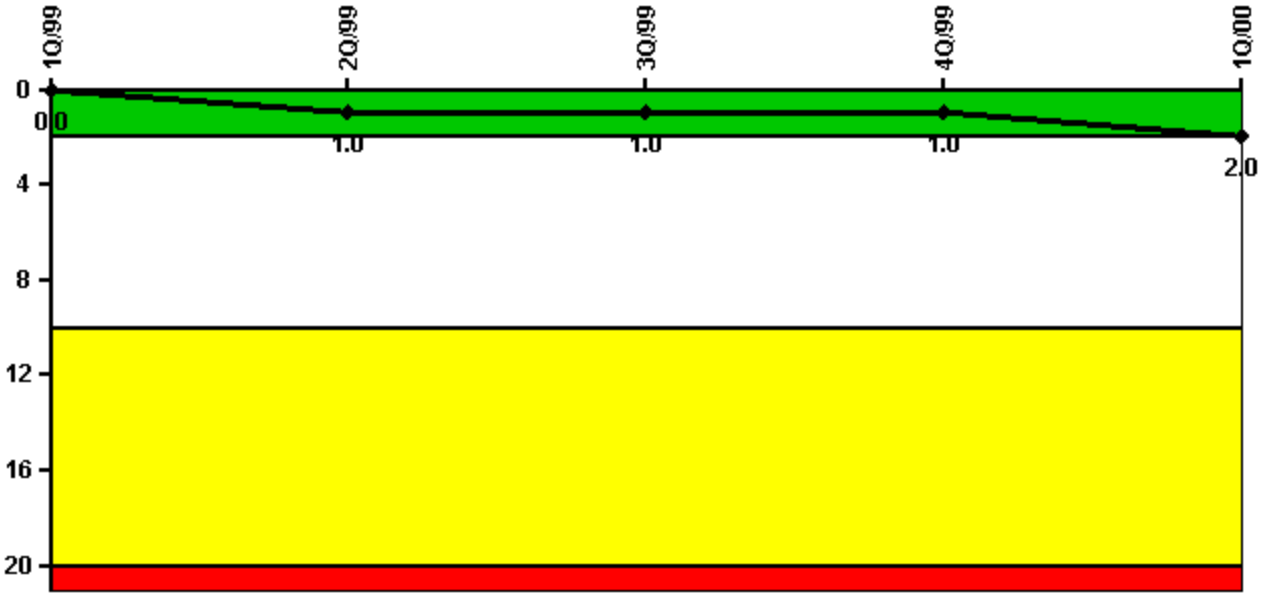
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Unplanned scrams	0	1.0	0	0	1.0
Critical hours	2112.9	1919.3	2208.0	930.5	1828.2
Indicator value	**0**	**0.8**	**0.8**	**1.0**	**2.0**

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



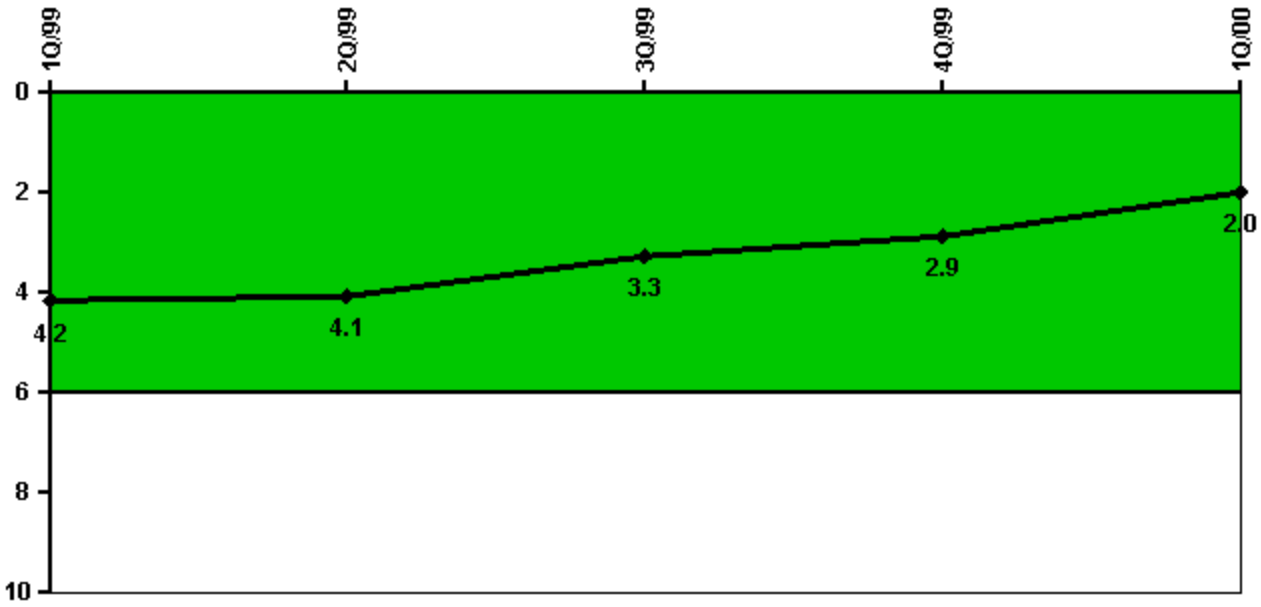
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Scrams	0	1.0	0	0	1.0
Indicator value	**0**	**1.0**	**1.0**	**1.0**	**2.0**

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



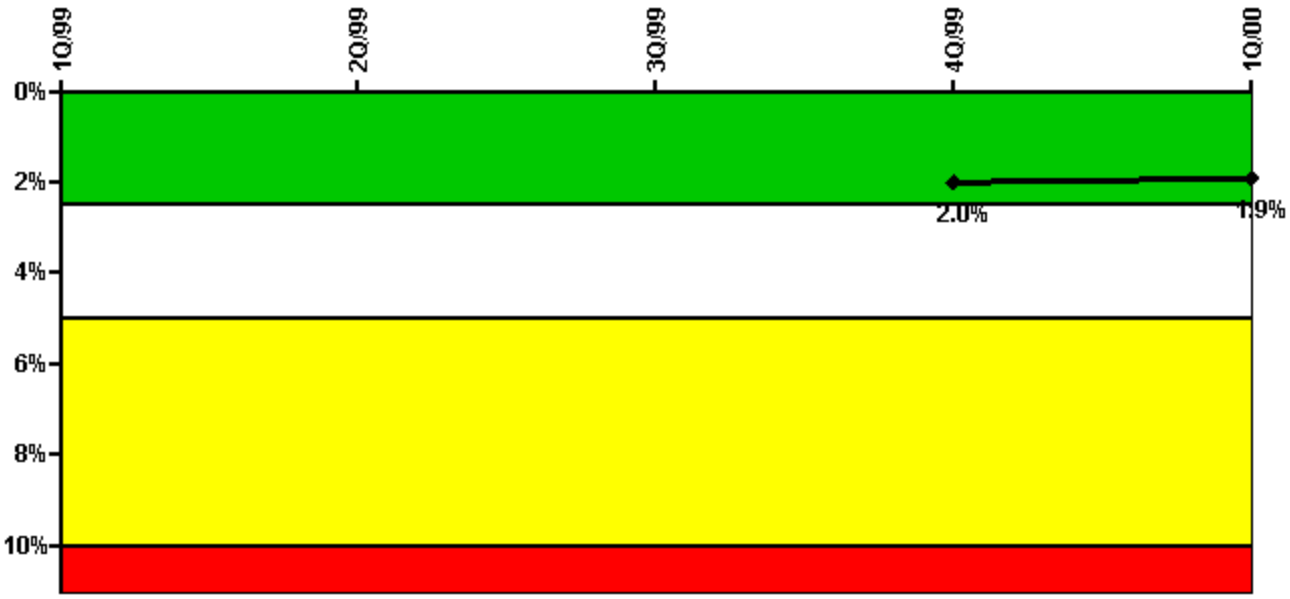
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Unplanned power changes	2.0	1.0	0	0	1.0
Critical hours	2112.9	1919.3	2208.0	930.5	1828.2
Indicator value	**4.2**	**4.1**	**3.3**	**2.9**	**2.0**

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Emergency AC Power	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Train 1					
Planned unavailable hours	0	0	0	0	46.72
Unplanned unavailable hours	0	0	1.80	0	0
Fault exposure hours	0	0	41.00	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2160.00	2183.00	2208.00	2209.00	2184.00
Train 2					
Planned unavailable hours	27.00	0	0	0	13.13
Unplanned unavailable hours	0	0	0	2.50	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2160.00	2183.00	2208.00	2209.00	2184.00
Indicator value				**2.0%**	**1.9%**

Licensee Comments:

1Q/00: 4/18/01: Engineering Review of all 2000 EAC data revealed time incorrectly reported (ex. incorrect time, math errors, incorrect classification).

4Q/99: The historical safety system unavailability was calculated using data collected for WANO using the WANO definitions. This data is nearly identical to the data that would be collected using the NRC definitions, except in the case of EAC unavailability. Due to the amount of time necessary to recreate the data for this indicator, we are reporting the data based on the WANO definitions for the historical data, and will begin using the NRC definitions for 1st quarter, 2000, data.

3Q/99: Revised 10/13/00. Increased unplanned unavailable hours from 15 minutes to 1 hour, 50 minutes as a result of resolving Condition Report (CR) 99-2185 in September, 1999. Added 22.5 hours (CR-2077) and 18.5 hours (CR 99-2185) for a total of 41 hours fault exposure in September 1999.

3Q/99: Revised 3/27/00. See comments for 1Q97.

4Q/98: Revised 3/27/00. See comments for 1Q97.

4Q/98: Revised 3/27/00. See comments for 1Q97.

4Q/97: Revised 3/27/00. See 1Q97 comments.

4Q/97: Revised 3/27/00. See 1Q97 comments.

3Q/97: Revised 3/27/00. See comments for 1Q97.

3Q/97: Revised 3/27/00. See comments for 1Q97.

2Q/97: 2Q/01, revised fault exposure hours from 0 to 9.5; identified in April, 2001 during review.

2Q/97: Revised 3/27/00. See comment for 1Q97.

2Q/97: Revised 3/27/00. See comment for 1Q97.

1Q/97: Revised on 3/27/00 due to errors identified in calculation methodology for 1 and 2 quarters of 1997. Other revisions to 3Q97, 4Q97, 4Q98, and 3Q99 due to data entry errors in INPO database (original source for this information)

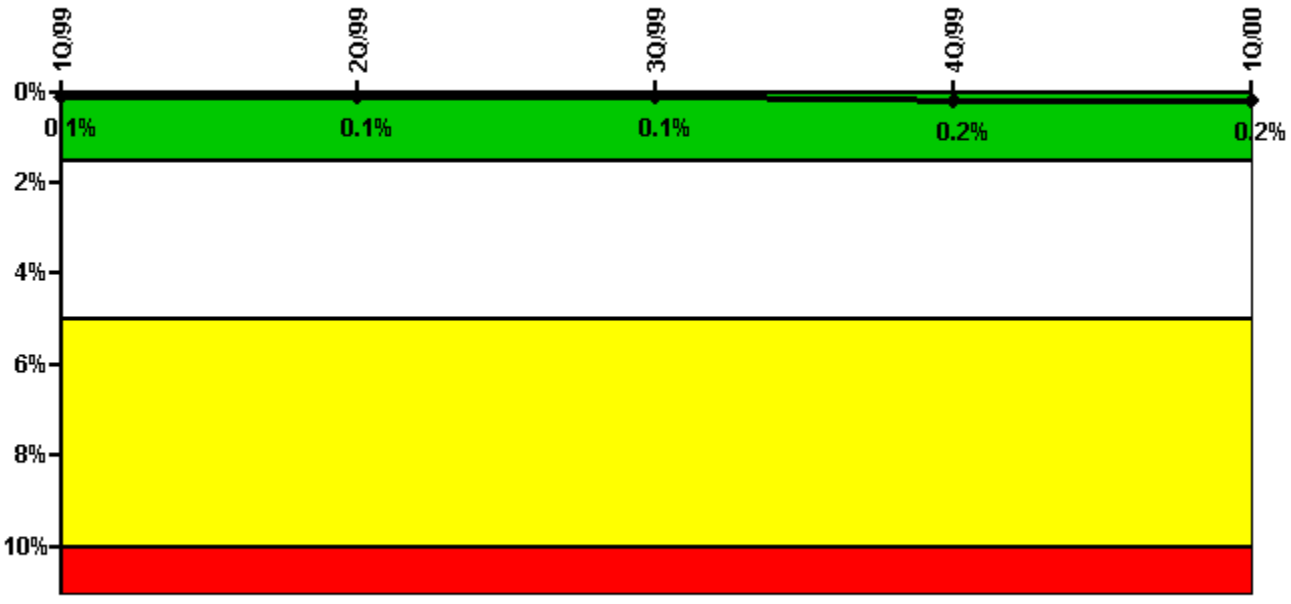
1Q/97: Revised on 3/27/00 due to errors identified in calculation methodology for 1 and 2 quarters of 1997. Other revisions to 3Q97, 4Q97, 4Q98, and 3Q99 due to data entry errors in INPO database (original source for this information)

4Q/96: Deleted 1996 data. See comment Q2/2000. (10/14/00)

3Q/96: Deleted 1996 data. See comment Q2/2000. (10/14/00)

2Q/96: Deleted 1996 data. See comment Q2/2000(10/14/00)

Safety System Unavailability, High Pressure Injection System (HPSI)



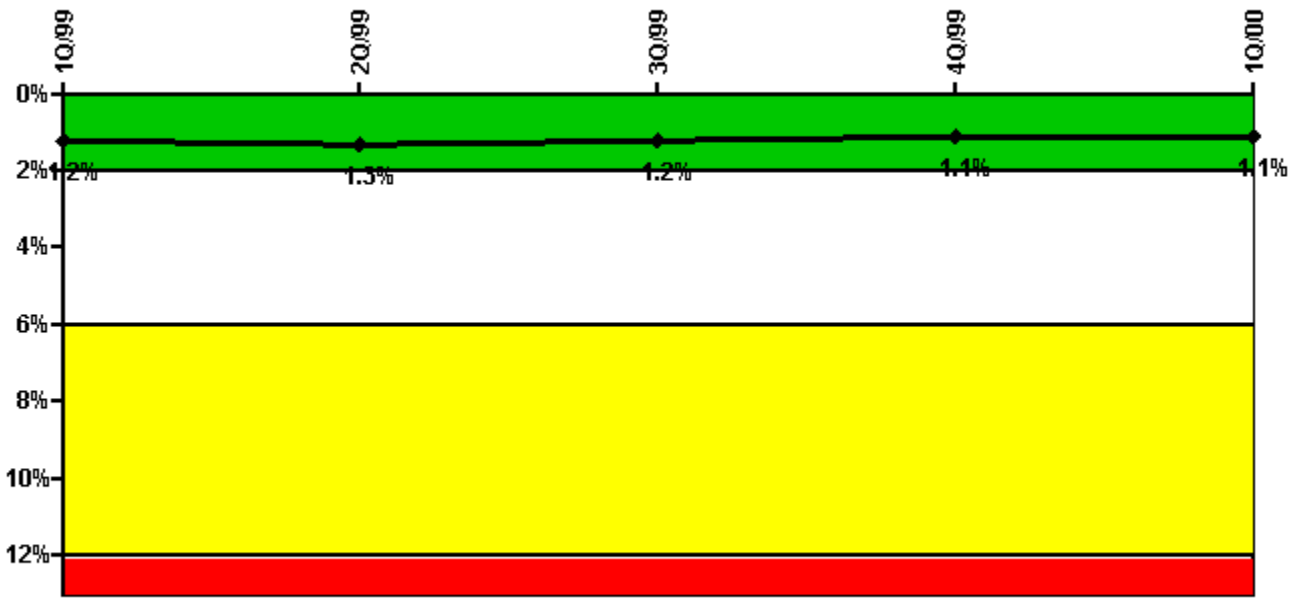
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Train 1					
Planned unavailable hours	0.30	0.30	0.40	0.40	0.90
Unplanned unavailable hours	36.10	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2112.60	1921.20	2208.00	931.50	1835.60
Train 2					
Planned unavailable hours	0.30	0.30	0.80	0.50	9.60
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2112.60	1921.20	2208.00	931.50	1835.60
Indicator value	**0.1%**	**0.1%**	**0.1%**	**0.2%**	**0.2%**

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)



Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

Notes

Safety System Unavailability, Heat Removal System (AFW)	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Train 1					
Planned unavailable hours	8.50	6.90	9.00	5.17	6.10

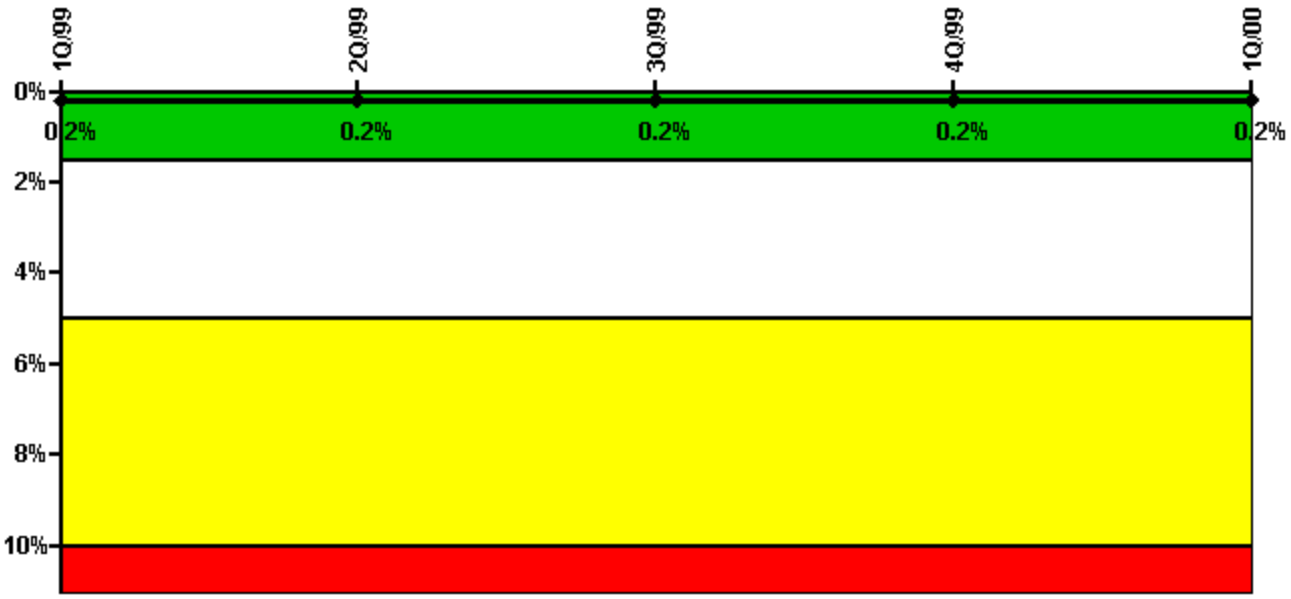
Unplanned unavailable hours	0	0	0	0	13.30
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2160.00	1978.80	2208.00	1102.80	1967.50
Train 2					
Planned unavailable hours	39.30	21.10	7.80	0	2.58
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2160.00	1978.80	2208.00	1102.80	1967.50
Train 3					
Planned unavailable hours	46.60	17.80	6.60	0	2.20
Unplanned unavailable hours	0	15.80	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2160.00	1978.80	2208.00	1102.80	1967.50
Indicator value	**1.2%**	**1.3%**	**1.2%**	**1.1%**	**1.1%**

Licensee Comments:

1Q/00: The planned unavailability for trains 2 and 3 was revised due to the discovery of an error in the original submittal. This does not change the color of the indicator.

4Q/99: The historical safety system unavailability was calculated using data collected for WANO using the WANO definitions. This data is nearly identical to the data that would be collected using the NRC definitions, except in the case of EAC unavailability. Due to the amount of time necessary to recreate the data for this indicator, we are reporting the data based on the WANO definitions for the historical data, and will begin using the NRC definitions for 1st quarter, 2000, data. The planned unavailability for train 1 was changed due to the discovery of an error. This change does not change the color of the indicator.

Safety System Unavailability, Residual Heat Removal System



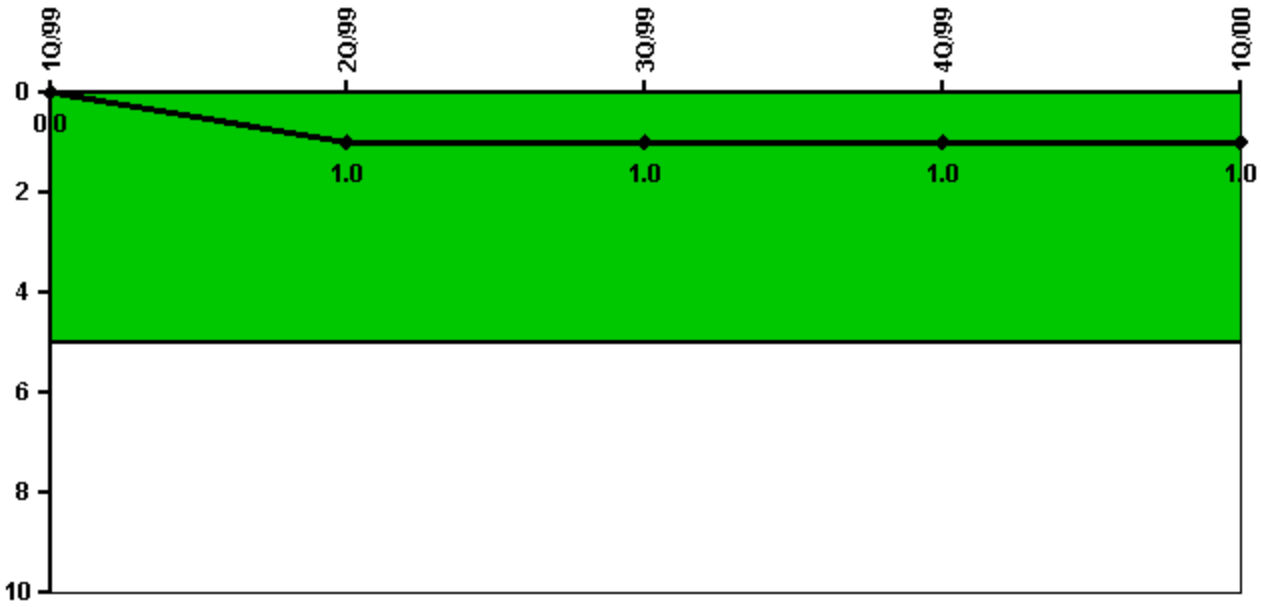
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Residual Heat Removal System	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Train 1					
Planned unavailable hours	3.10	2.00	1.00	1.20	0.80
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2160.00	1921.20	2208.00	1905.60	2184.00
Train 2					
Planned unavailable hours	2.10	1.60	1.00	0.70	0.70
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2160.00	1921.20	2208.00	1806.40	2184.00
Indicator value	**0.2%**	**0.2%**	**0.2%**	**0.2%**	**0.2%**

Licensee Comments: none

Safety System Functional Failures (PWR)



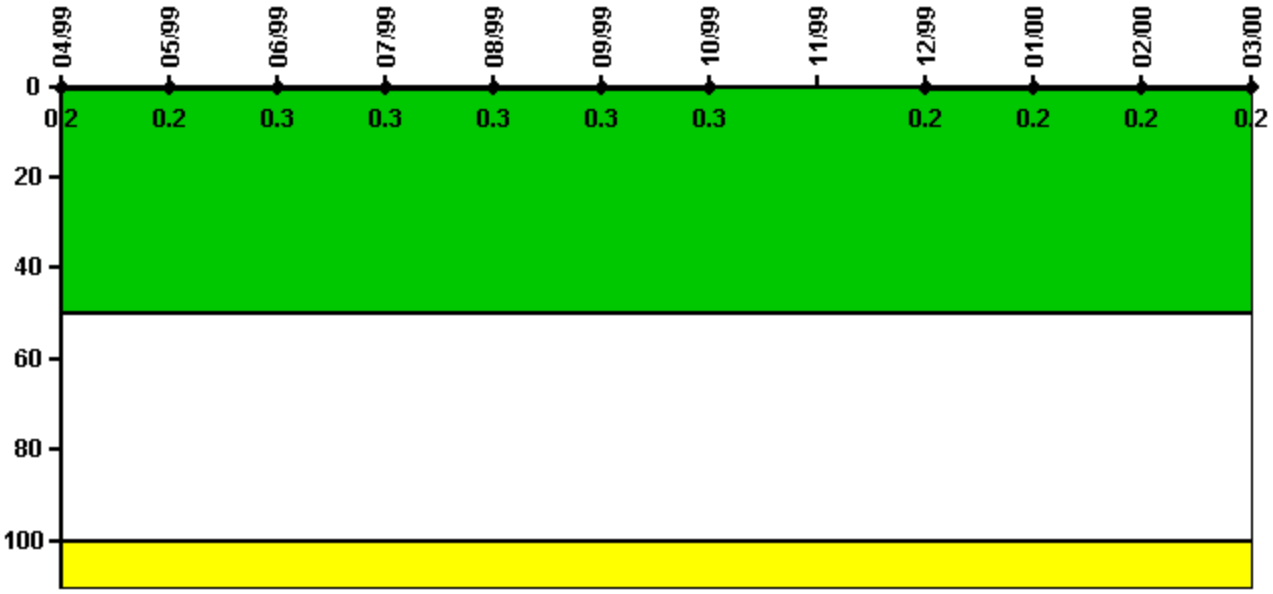
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Safety System Functional Failures	0	1	0	0	0
Indicator value	**0**	**1**	**1**	**1**	**1**

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	4/99	5/99	6/99	7/99	8/99	9/99	10/99	11/99	12/99	1/00	2/00	3/00
Maximum activity	0.001880	0.001970	0.002030	0.002050	0.002310	0.002480	0.002370	N/A	0.001310	0.001310	0.001430	0.001550
Technical specification limit	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
Indicator value	**0.2**	**0.2**	**0.3**	**0.3**	**0.3**	**0.3**	**0.3**	**N/A**	**0.2**	**0.2**	**0.2**	**0.2**

Licensee Comments:

12/99: PB Unit 1 was in refueling outage 10/16-12/10, 1999

6/98: Unit 1 was in refueling outage 2/15/98 through 6/30/98.

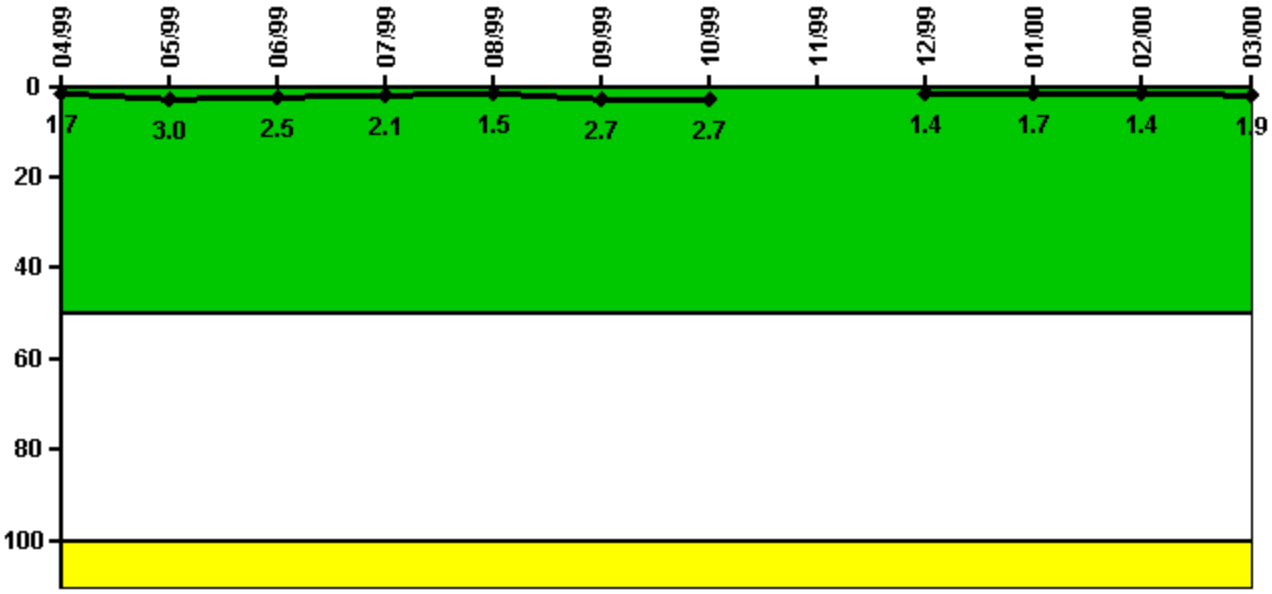
3/98: Unit 1 was in refueling outage 2/15/98 through 6/30/98.

12/97: Unit 1 was in maintenance shutdown from February, 1997 through December, 1997.

9/97: Unit 1 was in maintenance shutdown from February, 1997 through December, 1997.

6/97: Unit 1 was in maintenance shutdown from February, 1997 through December, 1997.

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

Notes

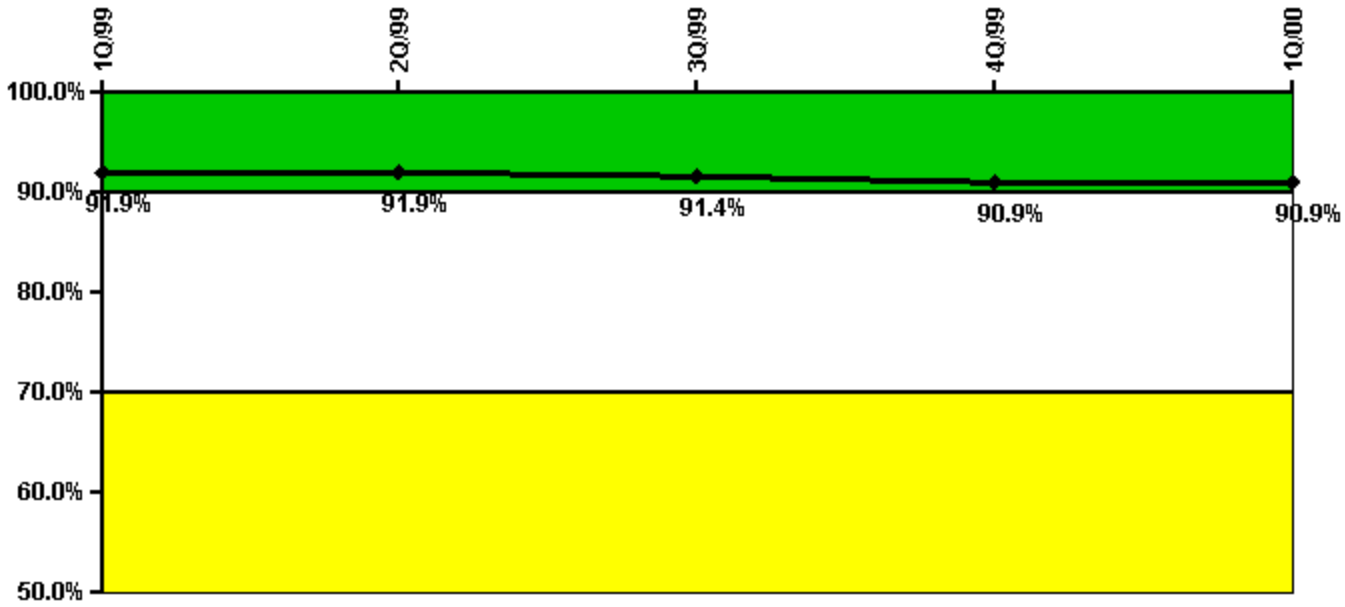
Reactor Coolant System Leakage	4/99	5/99	6/99	7/99	8/99	9/99	10/99	11/99	12/99	1/00	2/00	3/00
Maximum leakage	0.167	0.297	0.245	0.210	0.154	0.270	0.270	N/A	0.140	0.170	0.140	0.190
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	**1.7**	**3.0**	**2.5**	**2.1**	**1.5**	**2.7**	**2.7**	**N/A**	**1.4**	**1.7**	**1.4**	**1.9**

Licensee Comments:

12/99: PB Unit 1 was in refueling outage 10/16-12/10, 1999.

6/98: Unit 1 was in refueling outage 2/15/98-6/30/98.

Drill/Exercise Performance



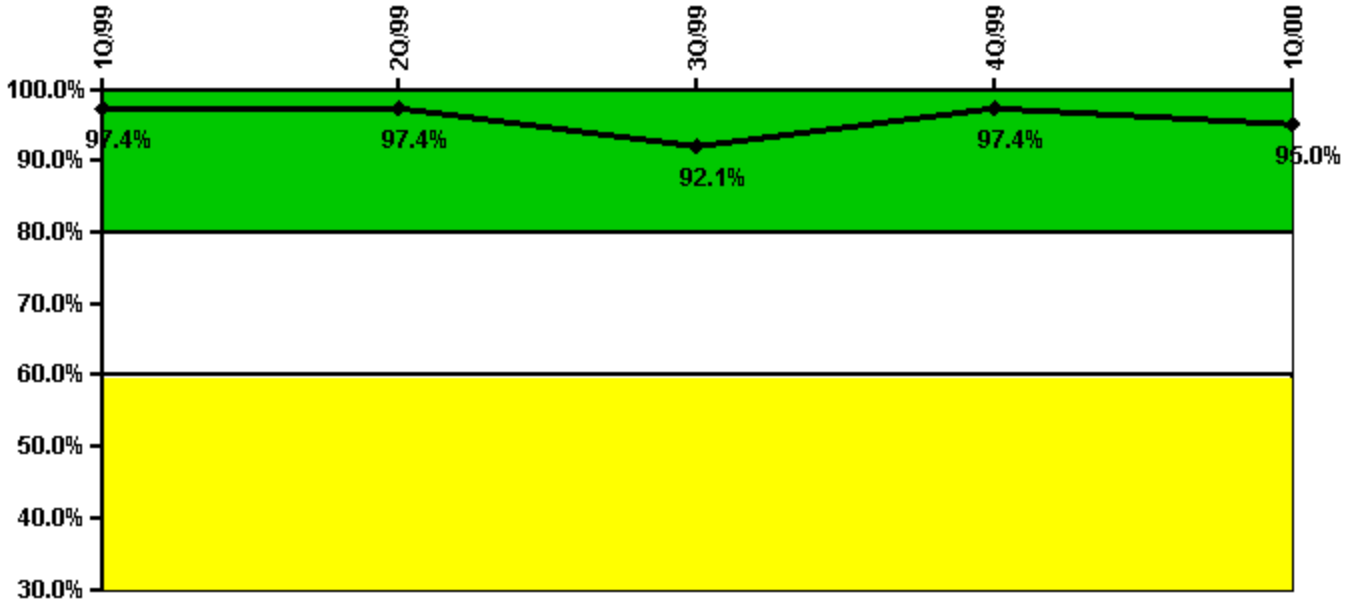
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Successful opportunities	10.0	11.0	6.0	16.0	0
Total opportunities	10.0	12.0	7.0	18.0	0
Indicator value	**91.9%**	**91.9%**	**91.4%**	**90.9%**	**90.9%**

Licensee Comments: none

ERO Drill Participation



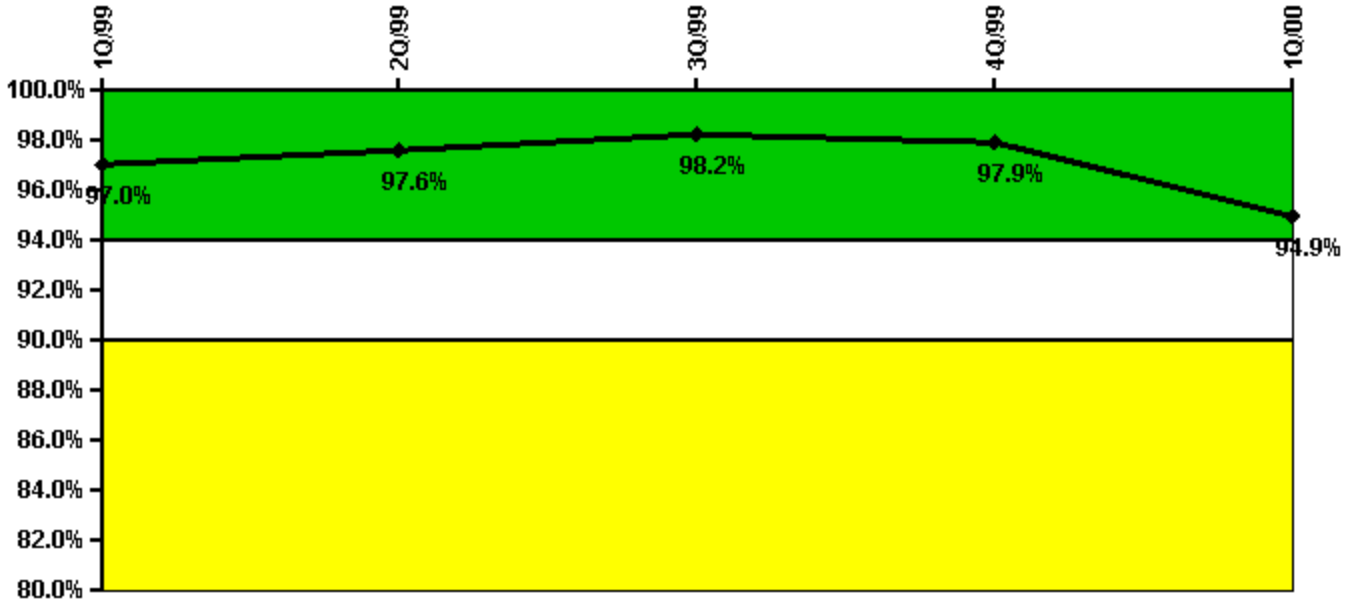
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Participating Key personnel	38.0	38.0	35.0	38.0	38.0
Total Key personnel	39.0	39.0	38.0	39.0	40.0
Indicator value	**97.4%**	**97.4%**	**92.1%**	**97.4%**	**95.0%**

Licensee Comments: none

Alert & Notification System



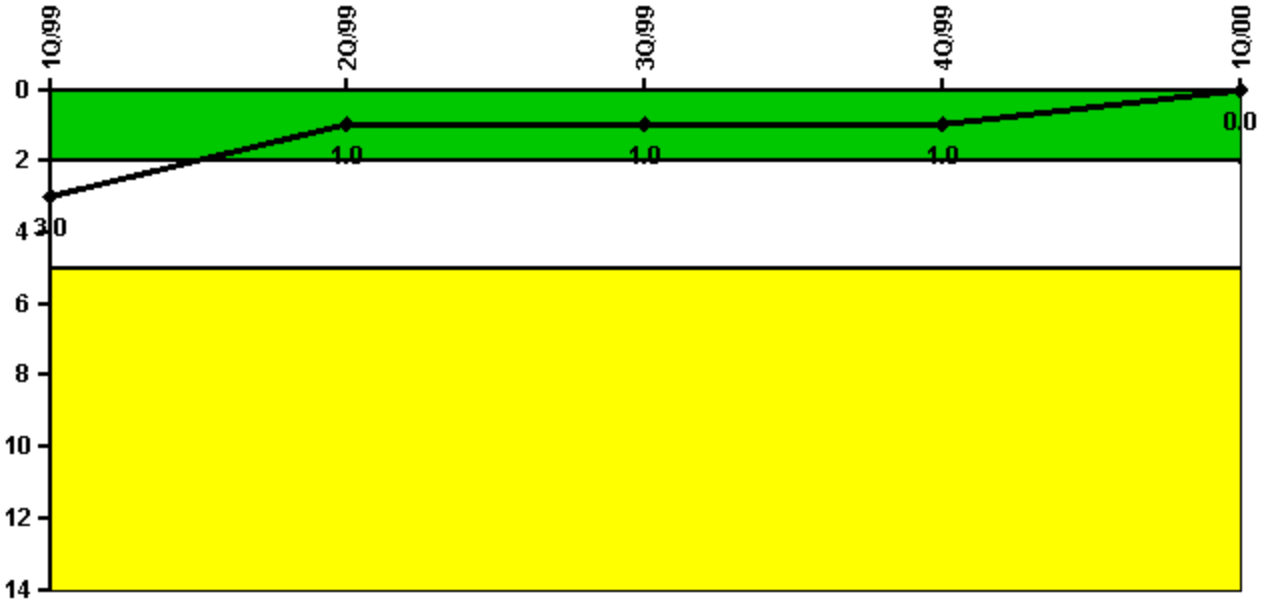
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Successful siren-tests	82	83	82	82	72
Total sirens-tests	84	84	84	84	84
Indicator value	**97.0%**	**97.6%**	**98.2%**	**97.9%**	**94.9%**

Licensee Comments: none

Occupational Exposure Control Effectiveness



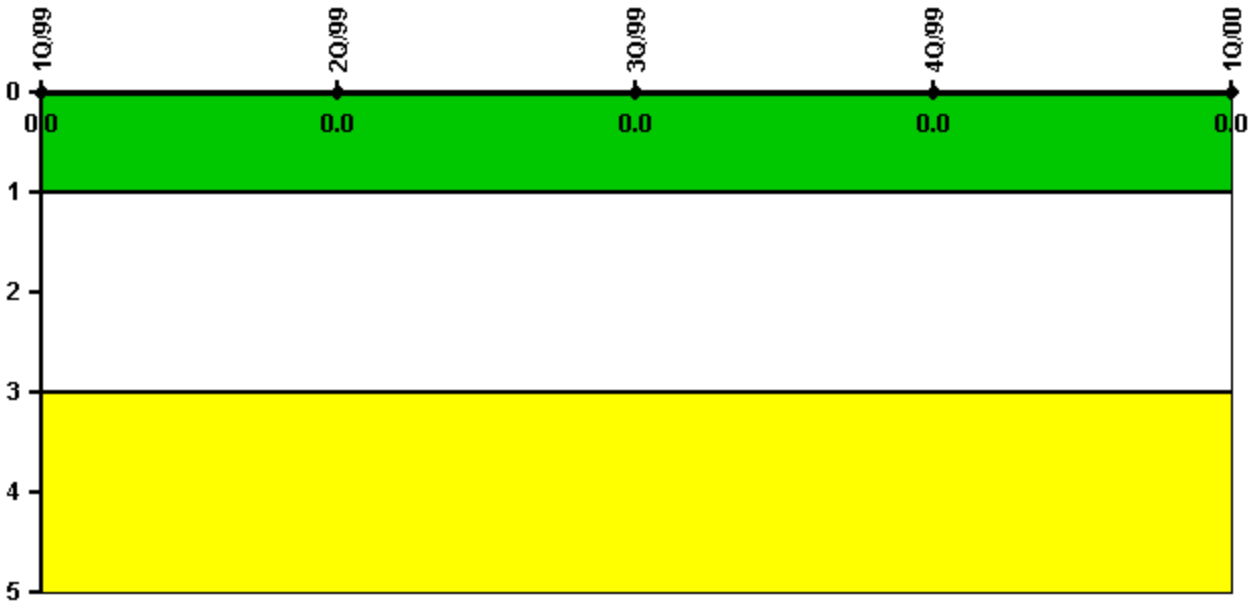
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
High radiation area occurrences	1	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0
Indicator value	**3**	**1**	**1**	**1**	**0**

Licensee Comments: none

RETS/ODCM Radiological Effluent



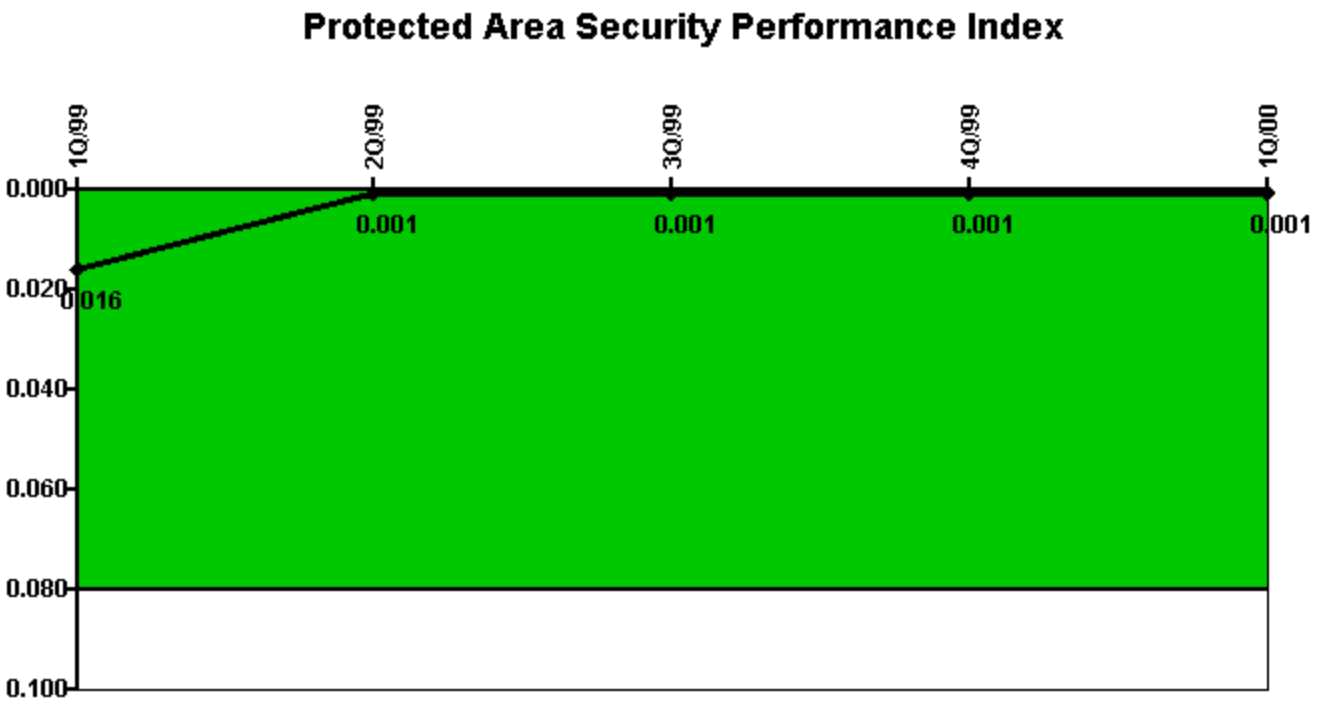
Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
RETS/ODCM occurrences	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**

Licensee Comments:

1Q/00: The data available for March has been reviewed, but had not been processed at the time of submittal. The best available data indicates that there were no occurrences for March, and we are confident based on available indications that this is correct. This issue was recognized in FAQ 90.



Thresholds: White > 0.080

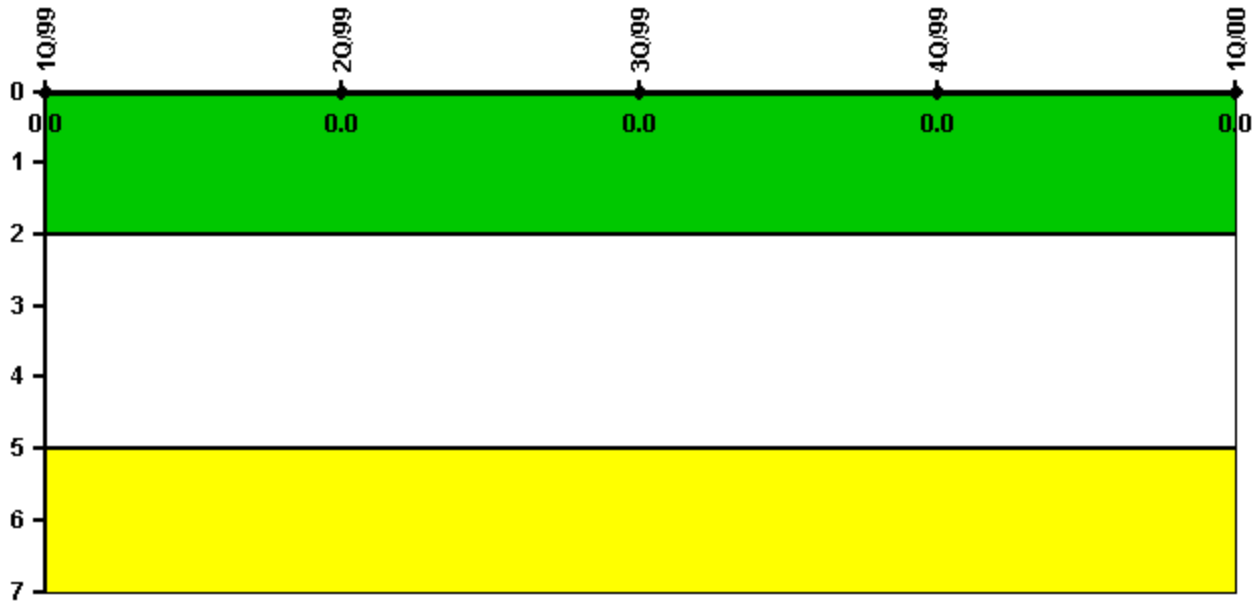
Notes

Protected Area Security Performance Index	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
IDS compensatory hours	0	7.50	0	8.60	0
CCTV compensatory hours	0	0	0	0.4	0
IDS normalization factor	1.20	1.20	1.20	1.20	1.20
CCTV normalization factor	1.0	1.0	1.0	1.0	1.0
Index Value	**0.016**	**0.001**	**0.001**	**0.001**	**0.001**

Licensee Comments:

1Q/00: Engineering evaluation indicated a need to upgrade the intrusion detection system. A modification package was initiated in October, 1997, and was approved in May, 1998. Typical compensatory hours for the IDS system that occurred since May, 1998, are not counted in this indicator as allowed by the NEI 99-02 Rev 0 guidance.

Personnel Screening Program



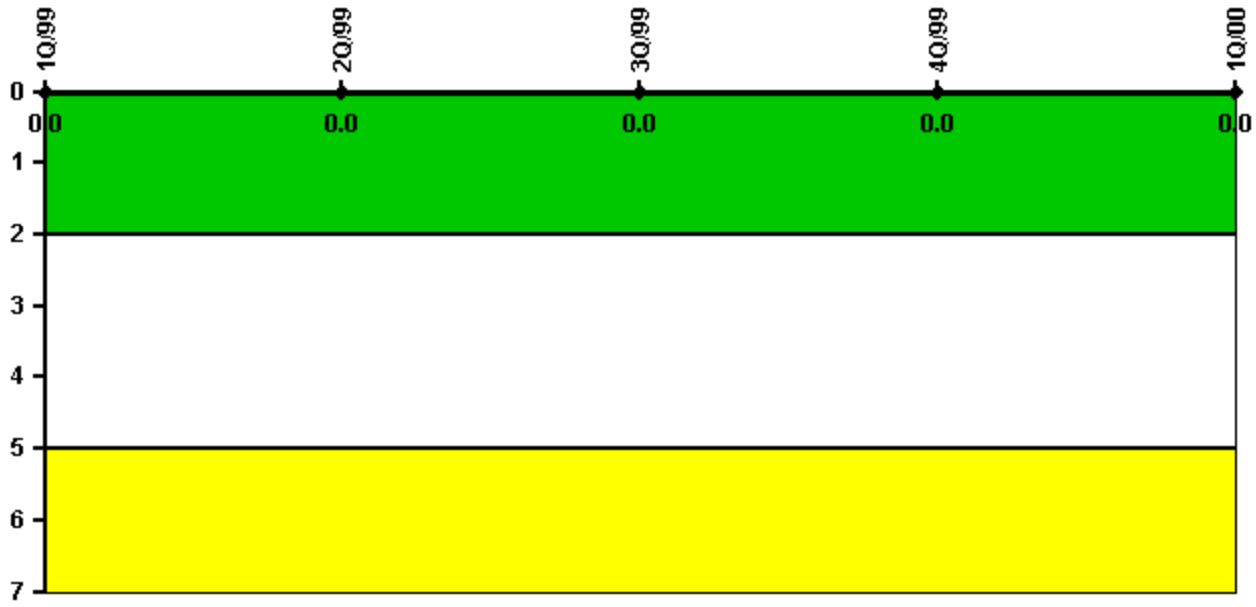
Thresholds: White > 2.0 Yellow > 5.0

Notes

Personnel Screening Program	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Program failures	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

FFD/Personnel Reliability



Thresholds: White > 2.0 Yellow > 5.0

Notes

FFD/Personnel Reliability	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Program Failures	0	0	0	0	0
Indicator value	**0**	**0**	**0**	**0**	**0**

Licensee Comments: none

PI Summary | Inspection Findings Summary | Reactor Oversight Process

Last Modified: April 1, 2002